

**Amendments to the Specification**

Please amend the specification as shown:

**Please delete paragraph [0034] on page 12, and replace it with the following paragraph:**

**[0034]** FIG. 13 sets forth the amino acid sequence of parkin protein (SEQ ID NO:1).

**Please delete paragraph [00133] on page 45, and replace it with the following paragraph:**

**[00133]** SiRNAs were synthesized by Dharmacon Research, Inc., and duplexes were formed as per the manufacturer's instructions (parkin siRNA sequence: 5' UUCCAAACCGG AUGAGUGGdTdT 3' (SEQ ID NO:2); DAT siRNA sequence: 5' GAGCGGGAGACCUGGAGCAdTdT 3' (SEQ IN NO:3); SERT siRNA sequence: 5' CUCCUGGAACACUGGCAACdTdT 3' (SEQ ID NO:4)). Cortical cultures were transfected using Lipofectamine 2000 reagent (Life Technologies); primary midbrain cultures were transfected using Transmessenger (Qiagen), as described (Krichevsky and Kosik, RNAi functions in cultured mammalian neurons. *Proc. Natl Acad. Sci. USA*, 99:11926-929, 2002).